

PTO/SB/08b (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

|                        |                     |
|------------------------|---------------------|
| Application Number     | 10/808,820          |
| Filing Date            | March 25, 2004      |
| First Named Inventor   | James Worden Toffey |
| Art Unit               | 3624                |
| Examiner Name          | To be Assigned      |
| Attorney Docket Number | 649087/0004         |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,<br>magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city<br>and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
| TH                    |                          | International Search Report dated 19 June 2006 in International Application No. PCT/US2005/10226  |                |
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| Examiner<br>Signature | <i>TH</i> | Date<br>Considered | 9/21/06 |
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Sheet 1 of 4

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|------------------------|------------------|
| Application Number     | 10/808,820       |
| Filing Date            | March 25, 2004   |
| First Named Inventor   | Toffey           |
| Art Unit               | Not yet assigned |
| Examiner Name          | Not yet assigned |
| Attorney Docket Number | 649087/0004      |

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| THH                   |                          | US- 4,674,044                            | 06-16-1987                     | Kalmus et al.                                      |   |
|                       |                          | US- 4,750,135                            | 06-07-1988                     | Boilen   |   |
|                       |                          | US- 5,003,473                            | 03-26-1991                     | Richards   |   |
|                       |                          | US- 5,077,665                            | 12-31-1991                     | Silverman et al.                                   |   |
|                       |                          | US- 5,136,501                            | 08-04-1992                     | Silverman et al.                                   |   |
|                       |                          | US- 5,168,446                            | 12-01-1992                     | Wiseman  |   |
|                       |                          | US- 5,195,031                            | 03-16-1993                     | Ordish   |   |
|                       |                          | US- 5,270,922                            | 12-14-1993                     | Higgins  |   |
|                       |                          | US- 5,297,032                            | 03-22-1994                     | Trojan et al.                                      |   |
|                       |                          | US- 5,497,317                            | 03-05-1996                     | Hawkins et al.                                     |   |
|                       |                          | US- 5,502,637                            | 03-26-1996                     | Beaulieu et al.                                    |   |
|                       |                          | US- 5,727,165                            | 06-30-1998                     | Ordish et al.                                      |   |
|                       |                          | US- 5,774,880                            | 01-05-1999                     | Ginsburg   |   |
|                       |                          | US- 5,826,243                            | 10-20-1998                     | Musmanno et al.                                    |   |
|                       |                          | US- 5,857,176                            | 01-05-1999                     | Ginsberg   |   |
|                       |                          | US- 5,905,974                            | 05-18-1999                     | Fraser et al.                                      |   |
|                       |                          | US- 5,924,082                            | 07-13-1999                     | Silverman et al.                                   |   |
|                       |                          | US- 5,924,083                            | 07-13-1999                     | Silverman et al.                                   |   |

**FOREIGN PATENT DOCUMENTS**

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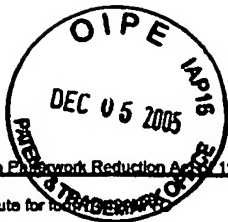
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Sheet 2 of 4**Complete if Known**

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| First Named Inventor   | Toffey           |
| Art Unit               | Not yet assigned |
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| HH                    |                          | US- 5,927,031                            | 07-27-1999                     | Martin   |   |
|                       |                          | US- 5,940,809                            | 08-17-1999                     | Musmanno et al.                                    |   |
|                       |                          | US- 5,946,667                            | 08-31-1999                     | Tull Jr. et al.                                    |   |
|                       |                          | US- 5,987,432                            | 11-16-1999                     | Zusman et al.                                      |   |
|                       |                          | US- 6,006,206                            | 12-21-1999                     | Smith et al.                                       |   |
|                       |                          | US- 6,016,482                            | 01-18-2000                     | Molinari et al.                                    |   |
|                       |                          | US- 6,092,056                            | 07-18-2000                     | Tull Jr. et al.                                    |   |
|                       |                          | US- 6,105,005                            | 08-15-2000                     | Fuhrer   |   |
|                       |                          | US- 6,173,270                            | 01-09-2001                     | Cristofich et al.                                  |   |
|                       |                          | US- 6,260,025                            | 07-10-2001                     | Silverman et al.                                   |   |
|                       |                          | US- 6,269,346                            | 07-31-2001                     | Cristofich et al.                                  |   |
|                       |                          | US- 6,317,727                            | 11-13-2001                     | May  |   |
|                       |                          | US- 6,317,751                            | 11-13-2001                     | Yeger et al.                                       |   |
|                       |                          | US- 6,393,409                            | 05-21-2002                     | Young et al.                                       |   |
|                       |                          | US- 6,421,653                            | 07-16-2002                     | May  |   |
|                       |                          | US- 6,462,758                            | 10-08-2002                     | Price et al.                                       |   |
|                       |                          | US- 6,505,175                            | 01-07-2003                     | Silverman et al.                                   |   |
|                       |                          | US- 6,519,574                            | 02-11-2003                     | Wilton et al.                                      |   |

**FOREIGN PATENT DOCUMENTS**

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Examiner  
Signature*T. Huxia*Date  
Considered

9/21/06

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Sheet 3 of 4**Complete if Known**

|                        |                  |
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| Application Number     | 10/808,820       |
| Filing Date            | March 25, 2004   |
| First Named Inventor   | Toffey           |
| Art Unit               | Not yet assigned |
| Examiner Name          | Not yet assigned |
| Attorney Docket Number | 649087/0004      |

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| FH                    |                          | US- 6,560,580                            | 05-06-2003                     | Fraser et al.                                      |   |
|                       |                          | US- 6,587,840                            | 07-01-2003                     | Smith et al.                                       |   |
|                       |                          | US- 6,606,637                            | 08-12-2003                     | Hill et al.  |   |
|                       |                          | US- 2002/0002530                         | 01-03-2002                     | Mav  |   |
|                       |                          | US- 2002/0026400                         | 02-28-2002                     | Naravan et al.                                     |   |
|                       |                          | US- 2002/0046149                         | 04-18-2002                     | Otero et al.                                       |   |
|                       |                          | US- 2002/0046151                         | 04-18-2002                     | Otero et al.                                       |   |
|                       |                          | US- 2002/0046156                         | 04-18-2002                     | Horn et al.  |   |
|                       |                          | US- 2002/0049661                         | 04-25-2002                     | Otrero et al.                                      |   |
|                       |                          | US- 2002/0082967                         | 06-27-2002                     | Kaminsky et al.                                    |   |
|                       |                          | US- 2002/0099651                         | 07-25-2002                     | May  |   |
|                       |                          | US- 2002/0116317                         | 08-22-2002                     | May  |   |
|                       |                          | US- 2002/0143694                         | 10-03-2002                     | Young et al.                                       |   |
|                       |                          | US- 2002/0156719                         | 10-24-2002                     | Finebaum et al.                                    |   |
|                       |                          | US- 2002/0169704                         | 11-14-2002                     | Gilbert et al.                                     |   |
|                       |                          | US- 2002/0184142                         | 12-05-2002                     | Whang  |   |
| V                     |                          | US- 2003/0046095                         | 03-06-2003                     | Jessop et al.                                      |   |
|                       |                          | US- 2003/0055774                         | 03-20-2003                     | Ginsberg   |   |

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Sheet 4 of 4

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| HJH<br>↓              |                          | US- 2003/0061069                         | 03-27-2003                     | Silverman et al.                                   |   |
|                       |                          | US- 2003/0088509                         | 05-08-2003                     | Wilton et al.                                      |   |
|                       |                          | US- 2003/0093360                         | 05-15-2003                     | May  |   |
|                       |                          | US- 2003/0115131                         | 06-19-2003                     | Heaton et al.                                      |   |
|                       |                          | US- 2003/0139997                         | 07-24-2003                     | Ginsburg   |   |
|                       |                          | US- 2003/0149646                         | 08-07-2003                     | Chen et al.  |   |
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